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brous. *I. gratioloides* is usually strictly upright, with sessile, mostly entire leaves, the lower usually connate, pedicels solitary, filiform and much exceeding the leaves, sometimes even 36 mm. long, and has calyx lobes shorter than the capsules. B. F. BUSH.

INDEPENDENCE, MO.

Proceedings of the Club.

TUESDAY EVENING, OCTOBER 9TH, 1894.

Dr. Britton presiding and 26 persons present.

The following were elected active members; Miss Mary Foster, New York City; Miss Luella A. Palmer, New York City; Miss L. K. Lawall, New York City; Mr. Paul Schoeder, Hoboken, New Jersey; Mr. Edw. W. Berry, Passaic, New Jersey.

Prof. Dr. Alfred Cogniaux of Verviers, Belgium, was elected an honorary member.

The Committee on Coöperation of the Scientific Alliance with the Brooklyn Institute, for entertaining the A. A. A. S. at its Brooklyn meeting, reported that the Local Committee of Arrangements had requested that no demonstration be made in this city, but that all unite in making a success of the undertakings in Brooklyn, and that this request had been complied with.

It was unanimously resolved that the Curators request the College of Pharmacy of the City of New York to permit the local herbarium of the Club to be deposited in the herbarium room of the new College of Pharmacy building, and to allow the members of the Club access thereto, the College in return being permitted to use the Club herbarium.

The Secretary reported a request from Prof. Dr. Rees of Erlangen for specimens of American plants in the families Scrophulariaceæ, Gentianaceæ, Plantaginaceæ and Liliaceæ, which Prof. Rees is engaged in monographing, and announced that he would forward to Prof. Rees any such specimens which might be sent to him.

Dr. Britton announced the death of Mrs. Maria L. Daly, and eulogized the high services which she had rendered the cause of

Botany in starting and heading the ladies' movement for the establishment of the New York Botanical Garden, which had resulted in the resuscitation of the enterprise when it was virtually dead for the time being, and in making in her will a very handsome provision for its maintenance. It was unanimously resolved that a committee of three be appointed by the Chair to draft suitable resolutions in memory of the deceased. Judge Brown, Miss Vail and Mrs. Cowdin were appointed.

Mr. Van Sickle reported finding in Green Pond, N. J., two large patches of *Sparganium minimum* Fries, the floating stems being about four feet in length. This is the first definite record of the occurrence of the plant in New Jersey. Dr. Britton remarked that it was probably the most southern locality known for the plant. Mr. Van Sickle had also found in abundance a hybrid between *Verbena urticæfolia* and *V. hastata*.

Mr. Small had spent his time in Georgia and North Carolina in making field observations. He had endeavored to ascertain how the flora of similar elevations in the centers of the two States compared, and had found them very similar. A number of species heretofore supposed to be endemic in central Georgia had been found in North Carolina. He had collected many rare and several new species. Important facts concerning altitudinal distribution had been collected.

Interesting observations concerning the rapid spread of *Helenium tenuifolium* Nutt. were made, and also concerning the distribution of *Rhododendron maximum*; Miss Waterman reported having seen the latter at Sebago Lake, Maine, which is believed to be its most eastern locality.

Mr. Ogden reported having explored an uninhabited region in Pike county, Pa., where the forest had been felled and had apparently smothered out many species before abundant, notably *Cypripedium pubescens*. *Gerardia flava* was the predominant plant in flower, covering acres with bloom. A specimen of *Peramium pubescens* having fifty flowers in bloom at one time had been seen. Abundantly represented species were *Habenaria ciliaris*, *Rhododendron maximum*, *Epigæa repens* and *Azaleas*. In Sullivan county, Pa., he had observed an injured branch of *R. maximum*, which bloomed September 7th.

Mrs. Britton reported having found five stations for *Schistostega osmundacea* in the Adirondacks, near Adirondack Lodge. She stated that *Ptychomitrium pygmæum* Lesq. and James is only *P. incurvum*.

WEDNESDAY EVENING, OCTOBER 31ST, 1894.

Vice President Allen in the chair and 20 persons present.

The following named persons were elected active members: Mr. T. S. Constantine, Jr., Miss Catharine Barker, New York City.

An invitation was received from the President of the New York College of Pharmacy, offering the Club the use of the Assembly Rooms of that institution on any evening mutually agreed upon, and also to inspect the new building. The invitation was gratefully accepted and the arrangements were referred to the Recording Secretary with power.

The Chairman reported some of the results of an examination of the Characeæ of Lake Champlain and Lake Saratoga during the summer. He had found the west side of Lake Champlain almost barren of these plants, but had collected a new form of *Chara sejuncta* and *Chara gymnopus elegans* in Great South Bay, an arm of that lake. The same two species were found in Lake Saratoga. He exhibited *Nymphaea rubrodisca* from Lake Champlain and *Bidens Beckii* from Lake Saratoga.

Dr. Britton reported the occurrence of Coltsfoot, *Tussilago Farfara*, near Garretson's, Staten Island, and remarked on the rarity of this plant in the area of the local flora, stating that it was reported many years ago by Dr. Knieskern from Monmouth county, N. J., and that he had himself once observed it near Port Jervis, in southern New York.

Mr. Barnhart reported the occurrence of *Alliaria Alliaria* near Hastings, N. Y.

The following announced papers were then presented:

"On wing-like Appendages on the Petioles of *Liriophyllum populoides* Lesq. and *Liriodendron alatum* Newb., with Description of the latter," by Arthur Hollick. (Published in this BULLETIN.)

"Notes on a Revision of the Genus *Scouleria* with Description

of a new Species," by Elizabeth G. Britton. (To be published in the December BULLETIN.)

"On the Affinities of the Calycanthaceæ, with Notes on the Family," by T. H. Kearney, Jr. (To be published in a subsequent issue of the BULLETIN.)

Index to recent Literature relating to American Botany.

- Atkinson, G. F.** Leaf Curl and Plum Pockets. Bull. N. Y. (Cornell) Exp. Sta. 73 : 318-355. *pl.* 1-20. 1894.
Eight of the fifteen species of *Exoascus* figured are described as new.
- Baker, J. G.** New Ferns of 1892-93. Ann. Bot. 7 : 121. Au. 1894.
Asplenium (Diplazium) Cordovense from Mexico collected by Hugo Finck is the only American species described.
- Bastin, E. S.** Economic Botany. Am. Journ. Pharm. 66 : 283-293. Je. 1894.
- Bastin, E. S.** Structure of *Geranium maculatum*. Am. Journ. Pharm. 66 : 516-522. N. 1894.
- Bastin, E. S.** Structure of *Heuchera Americana*. Am. Journ. Pharm. 66 : 467-473. O. 1894.
- Bastin, E. S.** Structure of *Podophyllum*. Am. Journ. Pharm. 66 : 417-424. S. 1894.
- Beal, W. J.** Ruled Slides. Bot. Gaz. 19 : 416. 17 O. 1894.
- Brandeggee, K.** Studies in Portulacaceæ. Proc. Cal. Acad. Sci. (II.) 4 : 86-91. *pl.* 4. 2 Je. 1894.
Contains descriptions of *Lewisia redeviva* var? *Yosemitana* and *L. Kelloggii*, the latter figured.
- Brandeggee, T. S.** Two new Species of *Ilex*. Gard. & For. 7 : 414. *f.* 65-66. 17 O. 1894.
Descriptions and illustrations of *Ilex Californica* and *I. triflora*.
- Brown, N. E.** *Hypocryta pulchra*. Gardn. Chron. 16 : 244. 1 S. 1894.
A new species from Columbia, prov. New Grenada.
- Clinton, G. P.** New Localities. Bot. Gaz. 19 : 415. 17 O. 1894.
Plants introduced in Illinois.
- Coulter, Barnes and Arthur, Editors.** Proceedings of Section G., A. A. A. S., Brooklyn meeting, 1894. Bot. Gaz. 19 : 362-382. 15 S. 1894.